Highlights of the 22/Mar/2002 meeting on DTL tank 3 conditioning

1. An updated gantt chart (R1.04) was presented. It includes a modified sequence of cable and rack installation as well as an updated estimate on waveguide installation from the RFQ to DTL4. This new chart has been given to Phil Kraushaar, who will now include it in the ASD Detailed Installation schedule. From now on, Phil's chart will be the working version.

2. Waveguide installation (Ray Savino): Layouts for the waveguides from RFQ to DTL6 have been designed; an installation schedule is being made up; there will most likely be 2 crews working in parallel on waveguide installation.

3. Survey&alignment (Joe Error): Needs detailed installation drawings for DTL3; PDF drawings exist but need to be translated to AUTOCAD. A plan is in place for the first step in solving this issue (Tom Mann) : ASD is working on a SOW with MW Zander to have them develop a complete installation documentation package for DTL3.

4. Cabling (John Kristy): There will be an important number of people pulling cables; in order for the cable pulling crews to remain efficient, cable lists given to Paul Holik need to include the whole of the DTL.

5. Rack installation (Paul Holik): On Wednesday a meeting was held with LANL to discuss the transfer of scope from LANL to ORNL for cables and racks (the next meeting on this issue will be held on 3-April-2002). For most systems, prototype racks for each system will be fully cabled by LANL and subsequently shipped to ORNL. **It is reported (Paul Holik) that LANL plans to transfer the scope for the remaining rack stuffing to SNS. However, they only plan to transfer funds for the racks and the equipment, not labor to assemble the racks. A PCR to resolve this discrepancy is necessary**.

6. Vacuum (Mike Hechler): The DTL3 vacuum system rack will be ready for coming May. To have the racks for DTL1 and DTL2 equipped and installed as foreseen in the DTL3 plan, extra manpower would be needed. As these 2 racks are at the south most position in their respective rack rows, one may want to install these racks at a later date. For the work that is outside the originally foreseen scope (e.g. for vacuum, LLRF, cooling), Tom Mann and Marion White will undertake appropriate action (see rack funding PCR reference under point 5).

7. RF (Ray Fuja): There will only be 2 HVCMs available in June (the other 2 will be available in July), according to the latest. The first 2 would need to come to Oak Ridge in order to support the FE and the DTL3 effort, but what will actually happen still needs to be settled. A firm HVCM schedule is to be submitted by Dynapower by the end of March 2002.

8. PS (Roy Cutler): The first articles for the DTL steerer PS will be available for installation in October 2002.

9. GC (Bill DeVan): All control racks have been identified; (equipped and cabled) rack delivery from LANL will match the DTL3 schedule.

10. Diagnostics (Saeed Assadi): The list of cables will be ready by the end of the month. The MPS connection for the FC needs to be changed due to the differential current device. One will need to integrate neutron detectors.

11. Delivery dates (Randy Musick):Updates are needed (topic for the installation meeting following this one), especially seen the scope transfer discussed earlier.

12. Safety (Sam McKenzie): Job hazard analysis forms will need to be filled out for the different tasks pertaining to the DTL3 plan by the different group leaders/supervisors involved, which, subsequently, will need to be integrated.. The hazard control plan that was used for the CCL hot model test at LANL can be useful in helping defining the hazards. (Sam will assist if help is needed with filling out these forms). Worksmart Standard is still in the laboratory contract. It will be completed in addition to the Job Hazard Analysis and Work/Project Planning and Control Processes.

Action items from last meeting:

-The 9 MW of temporary power available should be sufficient as no more than 5 MW are needed till the end of this year. (Paul Holik)
-George Dodson needs to get the study about waveguide shielding from F.Gallmeier and distribute it.

New action items:
-Develop LANL Rack Transfer PCR (White/Mann)
-Check cables for being fire retardant.